< the intake valve (28) and the delivery valve (29) are housed in separated containers (30) fixed to the block (26) and the homogeniser (1) >

Claims

1) A homogeniser (1) for continuous treatment of fluids at very high pressure, of the type comprising:

- at least one single-acting plunger (5) with reciprocating motion from a guide chamber (11) to a compression chamber (6) from a fluid intake position to a fluid delivery position;
- a block (26) for each plunger, connecting the compression chamber (6) with at least one intake valve (28) and with at least one delivery valve (29) for each plunger; ~~housed in containers (30) fixed to the bock (26);~~
- an internal manifold (27) connecting the compression chamber (6) with the intake valves (28) and delivery valves (29);
- at least one intake pipe (31) and at least one delivery pipe (32) both communicating with the manifold (27) and respectively terminating in the intake valve (28) and in the delivery valve (29),

characterised in that ~~it~~ comprises at least one of the following units:

- a first, dynamic seal unit (21) positioned around the guide chamber (11) and in contact with the surface of the reciprocating plunger (5), designed to create a seal on the plunger (5) during compression;
- a second, static seal unit (24) located close to